

WHAT IS CLAIMED IS:

1       1. A method for executing a statement to manipulate data stored in a data store  
2 connected to a computer, the method comprising:

3           receiving the statement for a transaction, wherein the statement operates on one or  
4 more objects;

5           generating a private catalog for recording information about the objects; and  
6           using the private catalog during the transaction to access the objects.

1       2. The method of claim 1, wherein the private catalog comprises a private copy  
2 of an original catalog, wherein the original catalog comprises one or more original individual  
3 catalog tables.

1       3. The method of claim 1, wherein the objects are private objects.

1       4. The method of claim 1, wherein the objects are non-private objects.

1       5. The method of claim 1, wherein the objects are user-defined objects.

1       6. The method of claim 1, wherein the objects are system objects.

1       7. The method of claim 1, wherein the private catalog comprises a temporary  
2 private catalog.

1       8. The method of claim 7, wherein the temporary private catalog is deleted from  
2 the data store after a user-defined amount of time.

1       9. The method of claim 7, wherein the temporary private catalog is deleted from  
2 the data store after an amount of time required by a system.

1           10.    The method of claim 7, wherein the temporary private catalog is deleted from  
2    the data store after a predetermined amount of time.

1           11.    The method of claim 7, wherein the temporary private catalog is deleted from  
2    the data store after the transaction no longer requires object data.

1           12.    The method of claim 7, wherein the temporary private catalog is deleted from  
2    the data store after the transaction executes.

1           13.    The method of claim 1, wherein the private catalog is used exclusively by  
2    the transaction.

1           14.    The method of claim 1, wherein the private catalog records only information  
2    about tables accessed by the transaction.

1           15.    The method of claim 1, further comprising accessing an additional object.

1           16.    The method of claim 15, wherein the private catalog records information  
2    about the additional object.

1           17.    The method of claim 1, further comprising populating the private catalog  
2    with an identification attribute.

1           18.    The method of claim 17, wherein the identification attribute comprises a  
2    description of the object used by the transaction.

1           19.    The method of claim 17, wherein the identification attribute comprises a  
2    definition of the object used by the transaction.

1           20.    The method of claim 1, wherein the statement comprises a data definition  
2   language statement.

1           21.    An apparatus for executing a statement to manipulate data, comprising:  
2           a computer having a data store connected thereto, wherein the data store stores data;  
3   and

4           one or more computer programs, performed by the computer, for receiving the  
5   statement for a transaction, wherein the statement operates on one or more objects;  
6   generating a private catalog for recording information about the objects; and using the private  
7   catalog during the transaction to access the objects.

1           22.    The apparatus of claim 21, wherein the private catalog comprises a private  
2   copy of an original catalog, wherein the original catalog comprises one or more original  
3   individual catalog tables.

1           23.    The apparatus of claim 21, wherein the objects are private objects.

1           24.    The apparatus of claim 21, wherein the objects are non-private objects.

1           25.    The apparatus of claim 21, wherein the objects are user-defined objects.

1           26.    The apparatus of claim 21, wherein the objects are system objects.

1           27.    The apparatus of claim 21, wherein the private catalog comprises a temporary  
2   private catalog.

1           28.    The apparatus of claim 27, wherein the temporary private catalog is deleted  
2   from the data store after a user-defined amount of time.

1           29.    The apparatus of claim 27, wherein the temporary private catalog is deleted  
2   from the data store after an amount of time required by a system.

1           30.    The apparatus of claim 27, wherein the temporary private catalog is deleted  
2   from the data store after a predetermined amount of time.

1           31.    The apparatus of claim 27, wherein the temporary private catalog is deleted  
2   from the data store after the transaction no longer requires object data.

1           32.    The apparatus of claim 27, wherein the temporary private catalog is deleted  
2   from the data store after the transaction executes.

1           33.    The apparatus of claim 21, wherein the private catalog is used exclusively by  
2   the transaction.

1           34.    The apparatus of claim 21, wherein the private catalog records only  
2   information about tables accessed by the transaction.

1           35.    The apparatus of claim 21, further comprising accessing an additional object.

1           36.    The apparatus of claim 35, wherein the private catalog records information  
2   about the additional object.

1           37.    The apparatus of claim 21, further comprising populating the private catalog  
2   with an identification attribute.

1           38.    The apparatus of claim 37, wherein the identification attribute comprises a  
2   description of the object used by the transaction.

1           39. The apparatus of claim 37, wherein the identification attribute comprises a  
2 definition of the object used by the transaction.

1           40. The apparatus of claim 21, wherein the statement comprises a data definition  
2 language statement.

1           41. An article of manufacture comprising a computer program carrier readable by  
2 a computer and embodying one or more instructions executable by the computer to perform  
3 method steps for executing a statement to manipulate data, comprising:

4           receiving the statement for a transaction, wherein the statement operates on one or  
5 more objects;

6           generating a private catalog for recording information about the objects; and

7           using the private catalog during the transaction to access the objects.

1           42. The article of manufacture of claim 41, wherein the private catalog comprises  
2 a private copy of an original catalog, wherein the original catalog comprises one or more  
3 original individual catalog tables.

1           43. The article of manufacture of claim 41, wherein the objects are private objects.

1           44. The article of manufacture of claim 41, wherein the objects are non-private  
2 objects.

1           45. The article of manufacture of claim 41, wherein the objects are user-defined  
2 objects.

1           46. The article of manufacture of claim 41, wherein the objects are system objects.

1           47. The article of manufacture of claim 41, wherein the private catalog comprises  
2 a temporary private catalog.

1       48. The article of manufacture of claim 47, wherein the temporary private catalog  
2 is deleted from the data store after a user-defined amount of time.

1       49. The article of manufacture of claim 47, wherein the temporary private catalog  
2 is deleted from the data store after an amount of time required by a system.

1       50. The article of manufacture of claim 47, wherein the temporary private catalog  
2 is deleted from the data store after a predetermined amount of time.

1       51. The article of manufacture of claim 47, wherein the temporary private catalog  
2 is deleted from the data store after the transaction no longer requires object data.

1       52. The article of manufacture of claim 47, wherein the temporary private catalog  
2 is deleted from the data store after the transaction executes.

1       53. The article of manufacture of claim 41, wherein the private catalog is used  
2 exclusively by the transaction.

1       54. The article of manufacture of claim 41, wherein the private catalog records  
2 only information about tables accessed by the transaction.

1       55. The article of manufacture of claim 41, further comprising accessing an  
2 additional object.

1       56. The article of manufacture of claim 55, wherein the private catalog records  
2 information about the additional object.

1       57. The article of manufacture of claim 41, further comprising populating the  
2 private catalog with an identification attribute.

1       58. The article of manufacture of claim 57, wherein the identification attribute  
2 comprises a description of the object used by the transaction.

1       59. The article of manufacture of claim 57, wherein the identification attribute  
2 comprises a definition of the object used by the transaction.

1       60. The article of manufacture of claim 41, wherein the statement comprises a  
2 data definition language statement.

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